**Michael Tavershima**

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[LinkedIn](https://www.linkedin.com/in/michael-tavershima-788aa7223/) [GitHub](https://github.com/ShimaMichael) E-portfolio

**SKILLS**

**IT Skills:** Python, Java, C#, HTML/CSS, Flask, SQL (Oracle), MYSQL, refactoring, test-driven development, figma, git, GitHub, Linux, Trello, Microsoft 365 Power BI, Javascript, Bootstrap.

**Soft Skills:** Problem-solving, adaptability, time management, communication**.**

**EDUCATION**

**University of Hertfordshire**  **Sep 2022 - May 2026**

BSc (Hons) Computer Science (Software Engineering)

Relevant modules: Databases A, algorithms and data structures A, introduction to programming and discrete structures A.

**Hertfordshire International College Sep 2021 - May 2022**

Foundation year in computer science that involved statistics, mathematics and programming.

**PROJECTS**

[**Micro blog web application**](https://github.com/ShimaMichael/microblog) **Sep 2023**

* Created a web application using Flask, HTML/CSS, Bootstrap, JavaScript.
* Ensured secure user login with OAuth 2.0 application allowing users to login, post, comment and edit their profiles.

**E-portfolio Oct 2023**

* E-portfolio built using HTML/CSS for front-end and JavaScript for back-end, as well as google sheet API for contact form. This collection showcases my journey as a software engineering student, highlighting my skills, and projects.

[**Automated email forwarding application**](https://github.com/ShimaMichael/automo-mail-forwarder) **July 2023**

* I have implemented OAuth 2.0 to ensure secure access to Gmail services.
* Designed and developed a python script, using Google’s Gmail API, that scans the user's inbox for incoming emails and forwards them.

[**Text editor**](https://github.com/ShimaMichael/java-text-editor-application) **June 2023**

* Developed a versatile and user-friendly text editor application using Java’s Swing and AWT libraries that allowed users to edit and handle files.

[**Ignite**](https://github.com/ShimaMichael/IgniteProject) **October 2023**

* Collaborated with a fast-paced team to design and build a study tool for incoming university students using Figma, HTML/CSS, Flask and Javascript that provided resources for interviews and gave access to relevant books at 2023 BGN Google hackathon.

**CERTIFICATES**

[**J.P. Morgan Chase & Co. Software engineering job simulation (Forage)**](https://forage-uploads-prod.s3.amazonaws.com/completion-certificates/J.P. Morgan/R5iK7HMxJGBgaSbvk_J.P. Morgan_jcYiFPMsKP4LfM25A_1696230469740_completion_certificate.pdf) **Oct 2023**

* Fixed broken files in the repository to make web application output correctly.
* Used J.P. Morgan Chase’s open source library called Perspective to generate a live graph that displays a data feed in a clear and visually appealing way for traders to monitor.

[**Lyft Back-End engineering job simulation (Forage)**](https://forage-uploads-prod.s3.amazonaws.com/completion-certificates/Lyft/xSw9echtixLAoPdsH_Lyft_jcYiFPMsKP4LfM25A_1694547069270_completion_certificate.pdf) **Sep 2023**

* Completed the Back-End Engineering job simulation, taking over development of an unfinished project for the Lyft Rentals team.
* Drafted a UML class diagram representing a new reorganized architecture.
* Refactored a messy codebase inherited from another team to accurately reflect my new design.
* Implemented unit tests and added new functionality using test-driven development.

[**J.P. Morgan Chase & Co. Agile job simulation (Forage)**](https://forage-uploads-prod.s3.amazonaws.com/completion-certificates/J.P. Morgan/5QiaMtZ4k8ngYKn4D_JPMorgan Chase & Co._jcYiFPMsKP4LfM25A_1693950320185_completion_certificate.pdf) **Sep 2023**

* Drafted eight user stories using Trello and prioritized them by estimating the relative level of effort required.
* Ran the Scrum team’s daily stand-up to effectively plan the day and energize the team members.
* Conducted a sprint review to gather feedback on the Scrum’s work and a sprint retrospective to align on opportunities for improvement in future sprints.

**EXTRA-CURRICULAR ACTIVITIES**

* I am a student athlete as I play on the University’s basketball team as a point guard to lead and communicate plays during the games. The experience has reinforced my sense of discipline and commitment whilst managing the demands my education.